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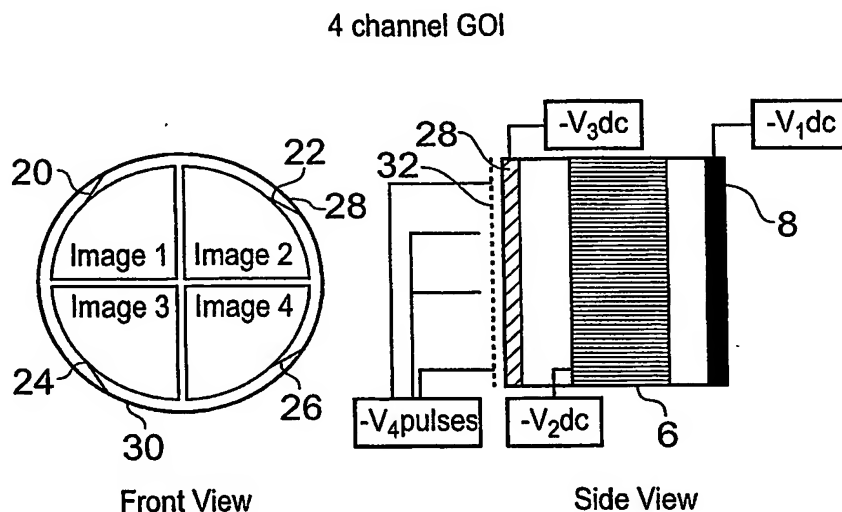
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(54) Title: GATED IMAGE INTENSIFIER



(57) Abstract: A gated optical image intensifier (10) is provided with multiple intensifying channels (20, 22, 24, 26) each supplied with radiation via a respective optical channel of an optical splitter. The separate intensifying channels are subject to gating by a sequence of time spaced gating signals generated by an electronic gating signal generator. The multi-channel gated optical image intensifier has particular utility in the field of fluorescence lifetime imaging.